U.S. Army Training and Doctrine Command

Soldier as a System (SaaS) Overview

Prepared for

The National Defense Industry Association

14 May 2003

“The Army Vision begins by talking about people, and it ends talking about people because soldiers--not equipment--soldiers are the centerpiece of our formation.”

General Eric V. Shinseki
Chief of Staff
United States Army
17 October 2000

SOLDIER as a SYSTEM (SaaS)

Task and Purpose

Provide all individual Soldiers with superior capabilities to accomplish assigned task or conduct missions against any opponent based on a DOTMLPF approach to modernization.

SCOPE of SaaS

- The Soldier as a System is the individual Soldier (human) and everything the Soldier wears, carries or consumes (to include man-portable systems).
- The Soldier as a System must include physiological ("skin in") as well as applied "skin out" capabilities and considerations in an operational environment (both natural and man induced) that ranges from home station to the battlefield.

THE SOLDIER IS A SYSTEM OF SYSTEMS

LET'S FILL HIM UP!

LET'S FILL HIM UP!

Worn:

Uniform: 8.07 lbs
LCE: 14.1 lbs
Pads: .
8 lbs
Helmet: 3.7 lbs
Body Armor: 16.4 lbs
M40 P-Mask: 3.10 lbs

Sub Total:
46.17 lbs

LET'S FILL HIM UP!

LET'S FILL HIM UP!

Carried:

Rucksack:	6 lbs
MREs:	2.6 lbs
Clothing:	4.5 lbs
E-Tool:	2.5 lbs
2-quart:	4.8 lbs
Bivy w/ WP Bag:	2.8

LET'S FILL HIM UP!

LET'S FILL HIM UP!

Weapon & Optics:

M4 w/ 30 rds: 7.4 lbs

Cleaning Kit: .8 lbs

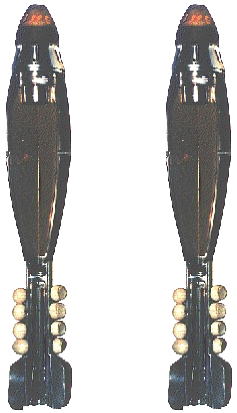
AN/PVS-14: 1.2 lbs

M-68 CCO: .7 lbs

PEQ-2A .28 lbs

PLGR: 2.8 lbs

PASS THE AMMUNITION



LET'S FILL HIM UP!

Class V:

6 x 30 rds:
6.4 lbs
2 x 60mm rds: 7.0 lbs
AT4: 14.8 lbs
Claymore: 4.0 lbs
2 x Frags: .7 lbs
1 x smoke:

GO GO JUICE!

LET'S FILL HIM UP!

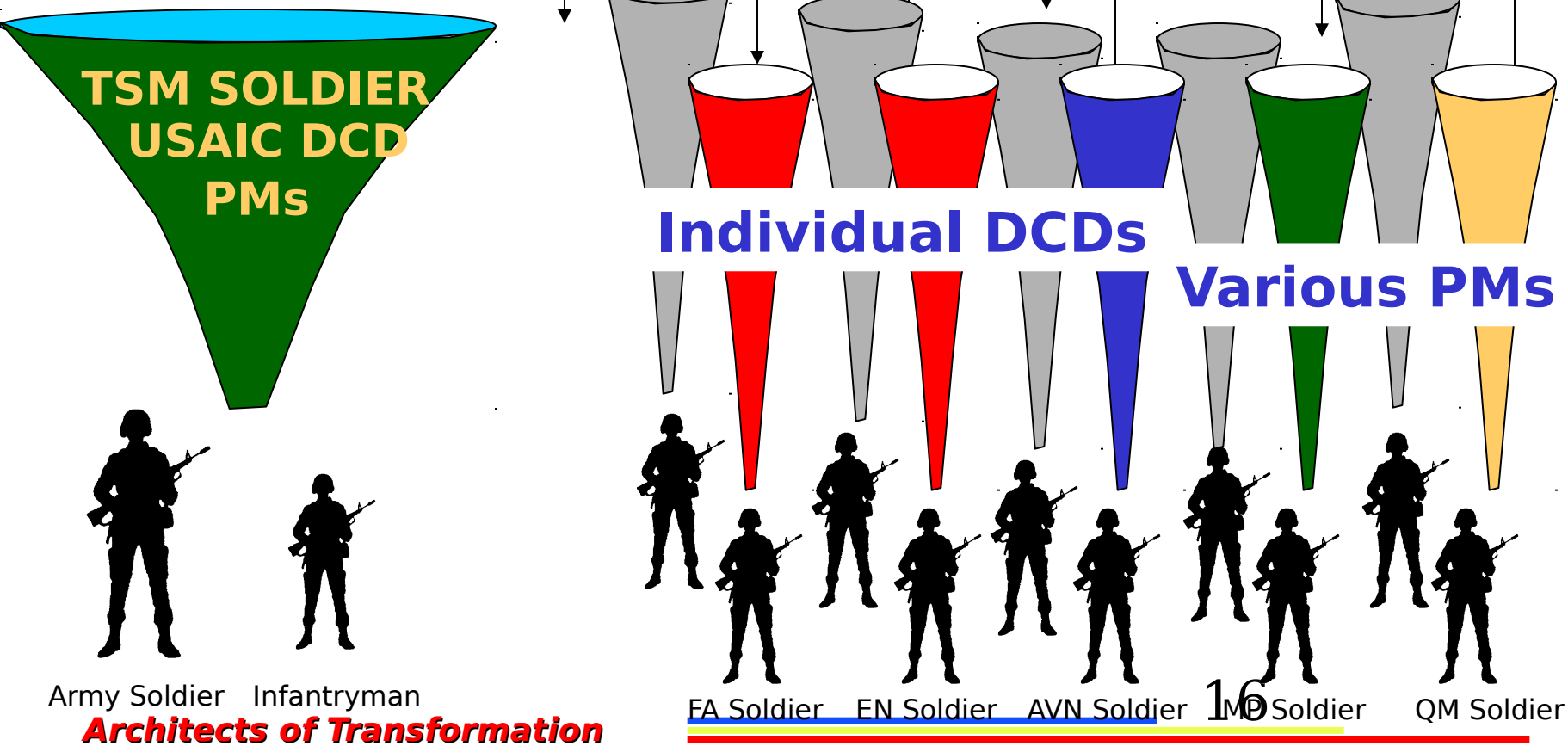
Batteries:

AA Battery x 8: .32 lbs
CCO Battery: .04 lbs
MBTIR Battery: 0.5 lbs
PLGR Battery: 2.3 lbs

Sub Total:
3.2 lbs

OLD METHOD

Requirements / Needs



THE ARMY HAD NO APPROVED CONCEPT TO:

1. **Establish a management structure and process to insure the FULL INTEGRATION of the Soldier in current and future Objective Force Organization and Operational Concepts.**
2. **Ensure an individual SOLDIER MODERNIZATION STRATEGY that provides a SaaS architecture that is fully integrated and maintains pace with current Objective Force concepts and programs.**
3. **Provide a GUIDELINE TO RESOLVE Soldier Doctrine, Organizations, Training, Materiel, Leader Development, Personnel and Facilities (DOTMLPF) issues.**

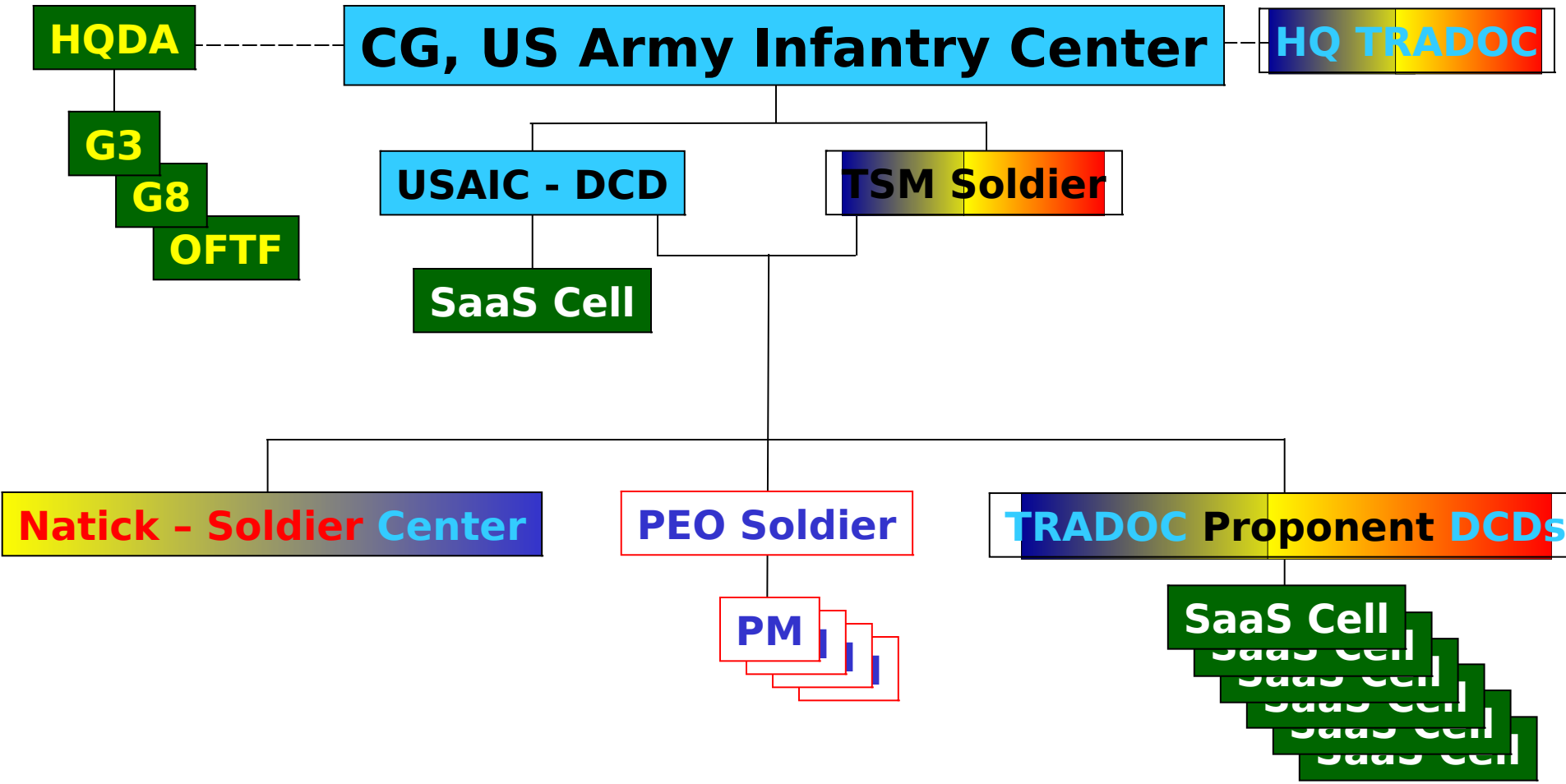
WHERE WE'RE HEADED

SaaS VISION

SaaS will:

- Assist in IDENTIFYING AND DEVELOPING valid requirements
- ALIGN SaaS MANAGEMENT STRUCTURE and processes within the Soldier community that will address Soldier DOTMLPF issues
- Facilitate a more EFFICIENT AND EFFECTIVE USE OF SOLDIER FUNDING as well as the establishment of the Soldier Systems Architecture.

SaaS MANAGEMENT STRUCTURE



NEW METHOD

Requirements / Needs

Integrated Concept Team (ICT)

HQ DA Staff

Joint Community

Industry

Academia

Soldier as a System
USAIC – Lead
All TRADOC Proponents
TSM Soldier
PEO Soldier
- Individual PMs
Natick
Others

SaaS
FIELDING TO THE FULL SPECTRUM OF SOLDIERS

rrent Soldier – Stryker Soldier – Objective Force Sold

HOW DOES INDUSTRY APPLY TO SaaS?

- Industry is a key partner in fielding our soldiers with the best equipment in the world.
- Industry must work with The Army to integrate systems that increase lethality, lighten load and mitigate competing materiel solutions.
- Industry is invited to attend the SaaS quarterly meetings.

SaaS ICT SCHEDULE

- Upcoming SaaS events:
  - ICT / VTC 10 Jun 03
  - ICT Conference 2 Aug 03 (Tentative location – Ft. Monroe)
- POC to attend is: Mr. Dave Libersat, (706) 545-6034, libersatd@benning.army.mil
- Homepage: http://saas.army.mil

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